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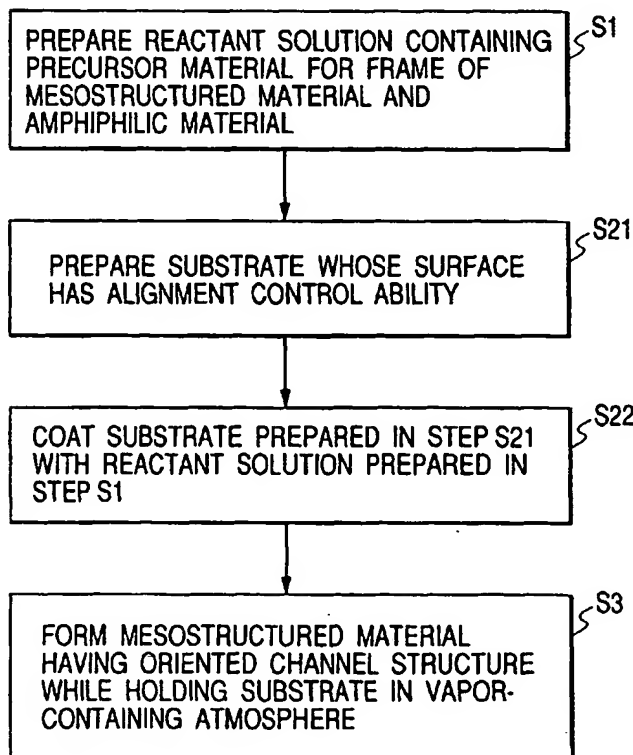
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(54) Title: MESOSTRUCTURED FILM, POROUS FILM AND THE METHOD OF PREPARING THE SAME



(57) **Abstract:** It is an object of the present invention to provide a method for preparing mesostructured film having oriented channel structure and which is applicable to preparing mesostructured metal oxide. It is also an object of the present invention to provide meso porous film containing non-silica metal oxide in pore wall and having rod-like pores uniaxially aligned. It is further an object of the present invention to provide method for preparing mesostructured film including the steps of: preparing a reactant solution containing a precursor material for frame of mesostructured material which contains metal oxide, and an amphiphilic material; coating the substrate whose surface has alignment control ability with the reactant solution; and holding the substrate which has been coated with the reactant solution in a vapor-containing atmosphere.

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